This Track 1 Decision Document is marked "Draft" but is a final document signed by the agencies.

SITE 002 TRACK 1 DECISION DOCUMENTATION PACKAGE, OU 10-08

DECISION DOCUMENTATION PACKAGE COVER SHEET

Prepared in accordance with

TRACK 1 SITES: GUIDANCE FOR ASSESSING LOW PROBABILITY HAZARD SITES AT THE INEEL

Site Description:

Car Body South of Highway 33 on INEEL Boundary Road

Site ID:

002

Operable Unit:

10-08

Waste Area Group:

10

I. Summary – Physical Description of the Site:

Site 002 is a refuse pile containing the remains of an early-model automobile located on the dirt road that follows the eastern boundary of the INEEL, about 1/4 mile south of Highway 33. Test Area North (TAN) is the closest INEEL facility located approximately 6 miles west; Mud Lake/Terreton is the closest residential area located approximately 3.5 miles east. This site was originally listed as part of an environmental baseline assessment in 1994 and identified as a potential new waste site in 1995. In accordance with Management Control Procedure-3448, "Reporting or Disturbance of Suspected Inactive Waste Sites", a new site identification form was completed for this site. As part of the process, a field team wrote a site description, and collected photographs and global positioning system (GPS) coordinates of the site (the GPS coordinates are

. The GPS coordinate system is listed as North American Datum 27, Idaho East Zone, State Plane Coordinates. The new site identification process also included a search and review of existing historical documentation.

Site investigations conducted by INEEL Cultural Resources personnel confirmed that the refuse pile contains the remains of an abandoned early-model automobile (circa 1930s). The site consists of body panels, miscellaneous metal parts, and plastic-like tiles that may have been part of the door panels. There are no engine parts present. There is no evidence to suggest that any of the debris found at the site is industrial in nature or related to INEEL activities.

There is no visual evidence of hazardous constituents, nor evidence that waste has recently been disposed of at this site. The ground surface shows well-established native grasses and sagebrush. The description of the site conditions is based on recent site investigations and INEEL Cultural Resource research; no other field screening or sample data exist for this site.

DECISION RECOMMENDATION

II. SUMMARY – Qualitative Assessment of Risk:

There is no evidence that a source of contamination exists at this site, nor is there empirical, circumstantial or other evidence of contaminant migration. The reliability of information provided in this report is high. Field investigations, interviews with Cultural Resource personnel, and photographs revealed no visual evidence of hazardous substances that may present a danger to human health or the environment. Therefore, the overall qualitative risk at Site 002 is considered low.

III. SUMMARY – Consequences of Error:

False Negative Error:

The possibility of contaminant levels at this site being above risk-based limits is remote. Field surveys and visual observations of the debris and surface soil showed no evidence of hazardous constituents, stained soil, odors, loss of vegetation, fibrous materials, or other indications of contamination.

False Positive Error:

If further action were completed at this low risk site, funds could exceed the environmental benefit. Surface soil sampling and analysis for organic compounds, metals, radionuclides or other hazardous constituents would be needed to confirm the presence or absence of contamination. Based on existing information, there is no need for further action at this site.

IV. SUMMARY - Other Decision Drivers:

INEEL Cultural Resource personnel determined that this site meets the requirements as a cultural/historical resource, based on the age of the artifacts (circa. 1930). Prior to completing any further action at this site, INEEL Cultural Resource personnel must be contacted.

Recommended Action:

It is recommended that this newly identified site be classified as No Further Action. Field investigations, interviews, historical knowledge of this area, and photographs suggest that the risk to potential receptors would be within acceptable limits. According to Risk Based Corrective Action (RBCA) guidance, a Tier 0, Class 4 site is a simple historical release site, described by, "No demonstrable threat to human health and safety or sensitive environmental receptors." Site 002 qualifies as such because 1) the initial environmental impacts were limited due to the small extent and size of a potential release (< 25 gal. of gasoline), the remote location, and the general lack of receptors; and 2) there are currently no visible stains or odors that would indicate fuel spillage. There is a high degree of certainty that little or no risk to current or potential future receptors exists at this site. According to RBCA, no further action is needed and no tiered evaluation is required.

Signatures:	# Pages: 16 Date: August 16, 2001	
Prepared By: Tom Haney	DOE WAG Manager:	
Approved By: Mahl Hora	Independent Review: Scall . Row	

DECISION STATEME	NT		
(DOE RPM)	Site	002	10010-08

Date Received: 8/24/04

Disposition:

No Further Action is appropriate for this abandoned automobile. No hazardous material was released.

Date: 8/25/04 #Pages: ,

Name: Kathleen E. Hain Signature: Nathleen E Hain

	STATEMENT A RPM)
Date Received: 9/21/01	10-08-007
site and appleted	to location along with handogist support that the tenderstruct works. No further remoderal a necessary
D: 9/26/0/	
Name: Wayne Frense	Signature: Mayne Celec

Disposition: Site #002 Site #002 is a refuse pile located about 6 miles east of Test Area North. The refuse pile includes the remains of an abandoned automobile (circa 1930s), body panels, miscellaneous metal parts, and plastic-like tiles that may have been part of the automobile; the engine is missing. There is no evidence that any of the refuse is industrial in nature or related to INEEL activities. There is no evidence of hazardous constituents or waste being recently disposed at the site. The state concurs this is a no further action site.
Site #002 Site #002 is a refuse pile located about 6 miles east of Test Area North. The refuse pile includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1940s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of an abandoned automobile (circa 1930s), body panels, includes the remains of the refuse is no evidence that any of the refuse is automobile; the engine is missing. There is no evidence that any of the refuse is not evidence of hazardous industrial in nature or related to INEEL activities. There is no evidence of hazardous industrial in nature or related to INEEL activities. The state concurs this is a no constituents or waste being recently disposed at the site. The state concurs this is a no
Date: 2/4/02 # Pages: Name: Dean T. Nygard Signature: Charg Myggard

PROCESS/WASTE WORKSHEET	/ORKSHEET	
SITE ID: 002	PROCESS:	Car Body South of Highway 33 on INEEL Boundary Road
	WASTE:	Abandoned Automobile Parts
Col 1 Processes Associated with this Site	Col 2 Waste Description & Handling Procedures	Col 3 Description & Location of any Artifacts/Structures/Disposal Areas Associated with this Waste or Process
Scattered debris from an carly-model automobile	Automobile parts likely abandoned by nearby residents in the early part of the twentieth century.	Artifact: Abandoned Automobile
		Location: The site is located on the dirt road that follows the eastern boundary of the INEEL, about 1/4 mile south of Highway 33, and ~ 3.5 miles west of the Mudlake/Terreton area. Description: The site consists of car body panels, metal parts and plastic-like tiles. There are no engine parts present. The automobile likely dates from the 1930s.

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CONTAMINANT WORKSHEET					
SITE ID: 002	PROCESS:	Car Body South of Highway 33 on INEEL Boundary Road	way 33 on INEEL B	oundary Road	
	WASTE	Abandoned automobile Body Parts	Body Parts		
Col 4 What Known/Potential Hazardous Substance/Constituents are Associated with this Waste or Process?	Col 5 Potential Sources Associated with this Hazardous Material	Col 6 Known/Estimated Concentration of Hazardous Substances/	Col 7 Risk-based Concentration	Col 8 Qualitative Risk Assessment (high/med/	Col 9 Overall Reliability (high/med/ Iow)
None	Soil	None	Not Applicable	Low	High

Question 1.	What are the waste generation processes, locations, and dates of operation associated with this site?	
of an early-model Debris include remains prese indicate fuel s The site is loc	Answer: corded by INEEL Cultural Resources as a historical refuse pile containing the remains odel automobile (circa. 1930) likely abandoned in place by nearby area residents. It is shown as body panels, miscellaneous metal parts and plastic-like tiles. There are no engine ent. There is no evidence of soil discoloration or disturbed vegetation that would pillage from the automobile engine or the presence of other hazardous constituents. The area on the dirt road that follows the eastern boundary of the INEEL, about 1/4 mile way 33, and ~ 3.5 miles west of the Mudlake/Terreton area.	
Block 2	How reliable are the information sources? ☑ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)	
Interviews with INEEL Cultural Resource and Environmental Restoration Environmental Safety and Health (ER ES&H) personnel and site investigations revealed that the area contains the remains of an early-model automobile likely abandoned by nearby area residents. The artifacts found at the site pose no potential risk to human health or the environment.		
Block 3	Has this INFORMATION been confirmed? Yes No If so, describe the confirmation. (check one)	
Interviews were conducted with INEEL ER ES&H and Cultural Resource personnel confirming that the site contains abandoned early-model car body parts; is domestic in nature, and predates INEEL activities. Site investigations confirm the type of debris present and condition of the site.		
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)	
No Available Information Anecdotal Historical Process Data Current Process Data Photographs Engineering/Site Drawings Unusual Occurrence Report Summary Documents Facility SOPs Other Analytical Data Disposal Data QA Data QA Data D&D Report Initial Assessment Well Data Construction Data		

Question 2.	What are the disposal processes, locations, and dates of operation associated with this site? How was the waste disposed?	
Block 1	Answer:	
dating to the 1 plastic-like tile about 1/4 mile approximately	sts of a historic refuse pile containing the remains of an early-model automobile, likely 1930s timeframe. The debris includes body panels, miscellaneous metal parts, and es. The site is located on the dirt road that follows the eastern boundary of the INEEL, e south of Highway 33. Test Area North (TAN) is the closet INEEL facility located 6 miles west, and Mud Lake/Terreton is the closest residential area located 3.5 miles east. The artifacts are domestic in nature, very old and predate INEEL	
Block 2	How reliable are the information sources? High Med Low Explain the reasoning behind this evaluation. (check one)	
	` , ,	
Interviews with INEEL Cultural Resource personnel confirmed that this site contains the remains of an abandoned early-model automobile. Site investigations and photographs confirm the type of artifacts present and condition of the site.		
Block 3	Has this INFORMATION been confirmed? ⊠ Yes ☐ No If so, describe the confirmation. (check one)	
This informati	on has been confirmed with interviews, site investigations and photographs	
This information has been confirmed with interviews, site investigations and photographs.		
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)	
	2, 5 Documentation about Data Disposal Data Disposal Data QA Data S Safety Analysis Report Site Drawings Currence Report D&D Report Initial Assessment Well Data	

Question 3.	Is there evidence that a source exists at this site? If so, list the sources and describe the evidence.		
Block 1	Answer:		
There is no visual evidence that a source of contamination exists at Site 002. There is no evidence of hazardous constituents, disturbed vegetation, stained or discolored soil, or odor. The debris has been identified as being domestic in nature and likely abandoned in place by nearby area residents. The debris consists of body panels, metal parts, and plastic-like tiles. There are no engine remains present. No odor or evidence of soil discoloration was detected that would indicate fuel spillage or presence of hazardous contaminants.			
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)		
Site investigations and interviews reveal that the site contains the remains of an early-model automobile likely abandoned by nearby area residents. The debris is old, very weathered, unrelated to INEEL activities and poses no potential threat to human health or the environment.			
Block 3	Has this INFORMATION been confirmed? ∑ Yes ☐ No If so, describe the confirmation. (check one)		
This information was confirmed with interviews, site investigations, Cultural Resource historical research, and photographs.			
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)		

Question 4.	Is there empirical, circumstantial, or other evidence of migration? If so, what is it?		
Block 1	Answer:		
There is no evidence of migration at Site 002. Investigations reveal no visual evidence of hazardous constituents, disturbed, stained or discolored soil areas, or odors. Groundcover at the site is undisturbed, reflecting established sagebrush and native grasses. The site contains domestic debris likely abandoned by nearby area residents and includes car body panels, metal pieces and plastic tiles. There are no engine remains present, nor evidence of soil discoloration that would indicate fuel spillage.			
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)		
	pections and photographs show that vegetation is well established, and no soil scoloration is present, giving no indication of disturbance or evidence of contaminants.		
Block 3	Has this INFORMATION been confirmed? ⊠ Yes ☐ No If so, describe the confirmation. (check one)		
Site investigations, interviews, and photographs confirm the types of artifacts and present condition of the site.			
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)		
	2, 5 Documentation about Data ocess Data Disposal Data ess Data QA Data S Safety Analysis Report Site Drawings D&D Report currence Report Initial Assessment A Well Data		

Question 5.	Does site operating or disposal historical information allow estimation of the pattern of potential contamination? If the pattern is expected to be a scattering of hot spots, what is the expected minimum size of a significant hot spot?		
Block 1	Answer:		
There is no expected pattern of potential contamination because there is no visual evidence of hazardous substances at the site. There is no evidence of stained or discolored soil in the area, odors, or disturbed vegetation. The debris was determined to be domestic in nature and unrelated to INEEL activities. There is no evidence of a source at this site or contaminated region to estimate because there is no evidence of hazardous or radioactive materials. The pattern of hazardous constituents (organics, metals, radionuclides, etc.) cannot be confirmed without further field screening or soil sampling around the debris; however, because of the age and weathered condition of the artifacts it is highly unlikely that contaminants would be present at levels above risk-based limits.			
Block 2	How reliable are the information sources? ☑ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)		
This information was obtained from an environmental baseline assessment conducted in 1994, and from site investigations conducted by INEEL WAG 10 and Cultural Resource personnel. The investigations reveal that the debris is domestic in nature and was likely abandoned in place more than 50 years ago. Photographs indicate that the soil is not stained or discolored and vegetation near the debris is well established.			
Block 3	Has this INFORMATION been confirmed? ⊠ Yes ☐ No If so, describe the confirmation. (check one)		
This information was confirmed through site inspections, photographs and INEEL Cultural Resource historical research.			
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)		
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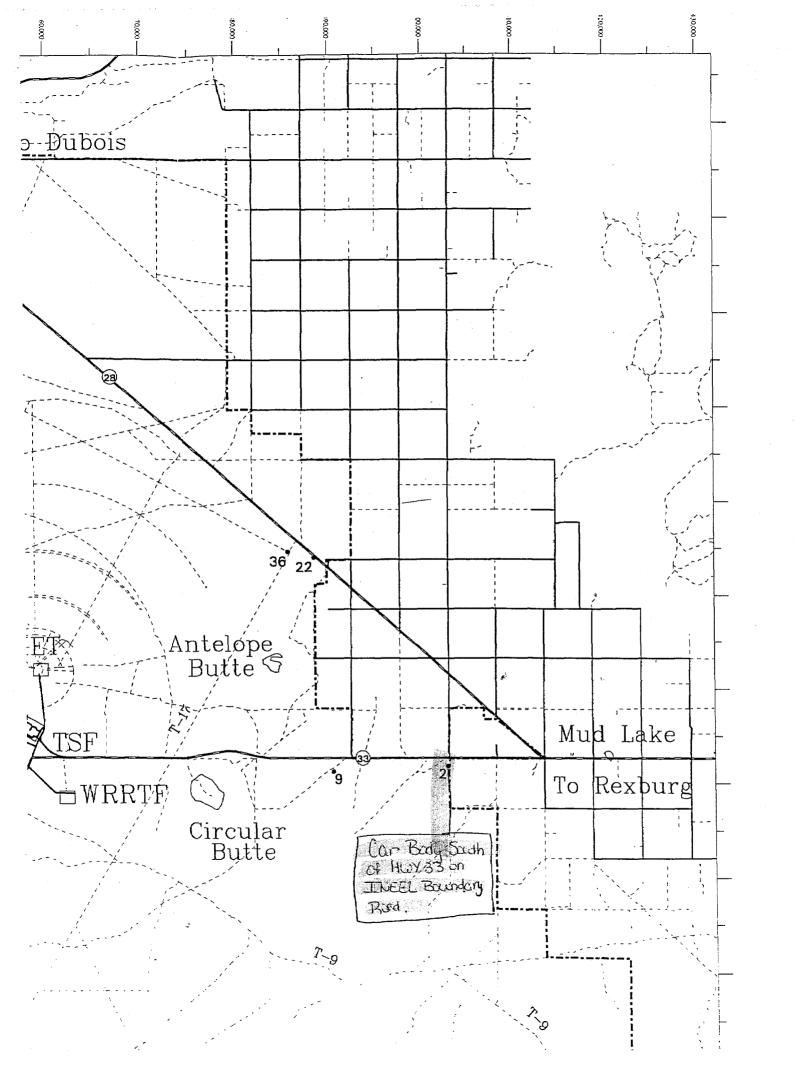
Question 6.	Estimate the length, width, and depth of the contaminated region. What is the known or estimated volume of the source? If this is an estimated volume, explain carefully how the estimate was derived.			
Block 1	Answer:			
Site investigations and photographs indicate that Site 002 covers an area approximately 20 ft by 20 ft. Artifacts include automobile body panels, metal parts, and plastic-like tiles. INEEL Cultural Resource personnel estimate that the site is more than 50 years old. There are no engine remains present. There is no evidence of a source at this site or contaminated region to estimate because there is no evidence of hazardous or radioactive materials.				
Block 2	ck 2 How reliable are the information sources? High Med Low Explain the reasoning behind this evaluation. (check one)			
This information was obtained from an environmental baseline assessment, interviews, site investigations, and photographs. There is no indication that the debris contains anything that would cause a potential risk. Photographs of the area show that the vegetation is well established and there is no evidence of stained or discolored soil.				
Block 3 Has this INFORMATION been confirmed? Yes No If so, describe the confirmation. (check one)				
This information was confirmed through interviews, site investigations, photographs and historical research.				
Block 4 Sources of Information (check appropriate box(es) & source number from reference list)				
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Question 7.	What is the known or estimated quantity of hazardous substance/constituent at this source? If the quantity is an estimate, explain carefully how the estimate was derived.			
Block 1	Answer:			
The estimated quantity of hazardous substances/constituents at this site is near zero because there is no evidence of any hazardous or radioactive material present. The site contains the remains of an early-model automobile likely abandoned by nearby area residents of the Mudlake/Terreton area. As confirmed by INEEL Cultural Resources personnel, the artifacts are old, extremely weathered, and unrelated INEEL operations.				
Block 2	How reliable are the information sources? ☑ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)			
This information was obtained from an environmental baseline assessment, interviews, site investigations, and photographs. All revealed no visual evidence of hazardous constituents.				
Block 3 Has this INFORMATION been confirmed? Yes No lf so, describe the confirmation. (check one)				
This information was confirmed through site inspections, interviews, photographs and historical research.				
Block 4 Sources of Information (check appropriate box(es) & source number from reference list)				
	2, 5 Documentation about Data ocess Data Disposal Data cess Data QA Data S Safety Analysis Report /Site Drawings D&D Report currence Report Initial Assessment well Data			

Question 8.	Is there evidence that this hazardous substance/constituent is present at the source as it exists today? If so, describe the evidence.			
Block 1	Answer:			
There is no evidence that a hazardous substance or constituent is present at levels that require action at this site. INEEL Cultural Resource personnel confirm that the artifacts consist of scattered early-model automobile parts, likely abandoned in place by nearby area residents. The artifacts are estimated to be more than 50 years old, domestic in nature, and unrelated to INEEL activities.				
Block 2 How reliable are the information sources? High Med Low Explain the reasoning behind this evaluation. (check one)				
This information was obtained from an environmental baseline assessment, interviews, site investigations, and photographs. There is no indication that the debris contains anything that would cause potential contamination. Photographs of the area show no evidence of staining and that vegetation is well established.				
Block 3	Has this INFORMATION been confirmed? ⊠ Yes ☐ No If so, describe the confirmation. (check one)			
This information was confirmed through site inspections, historical research, interviews and photographs.				
Block 4 Sources of Information (check appropriate box(es) & source number from reference list)				
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REFERENCES

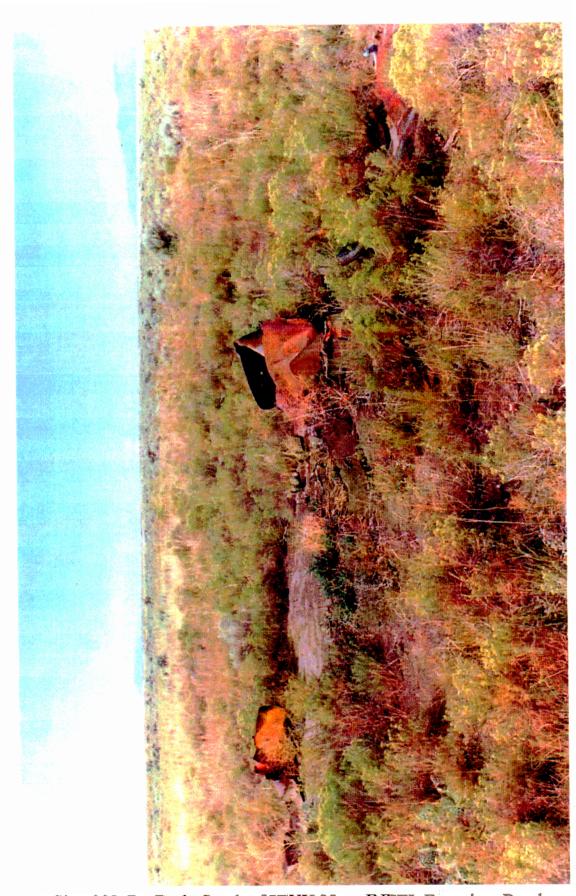
- 1. DOE, 1992, Track 1 Sites: Guidance for Assessing Low Probability Sites at the INEL, DOE/ID- 10390 (92), Revision 1, U.S. Department of Energy, Idaho Falls, Idaho, July.
- 2. Interview with an Environmental Baseline Assessment team member, February 6-7, 2001.
- 3. Photographs of Site 002: PN99-0456-1-25, PN99-0456-1-26, PN99-0456-1-27 and PN99-0456-1-28.
- 4. FY 1999 WAG 10 Newly Identified Sites, Volumes I and II.
- 5. Interviews with Brenda Ringe Pace, INEEL Cultural Resources Management, February 7 and May 16, 2001.



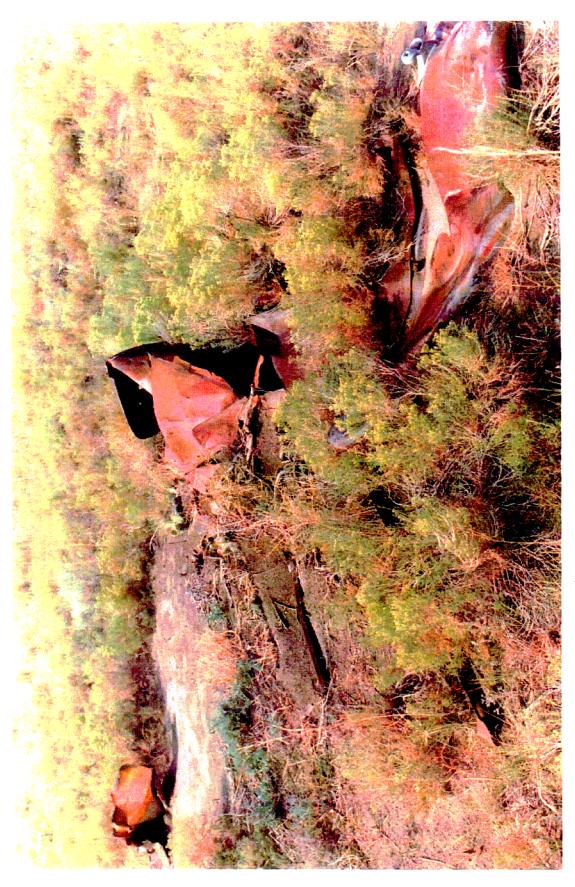
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Attachment A

Photographs of Site #002



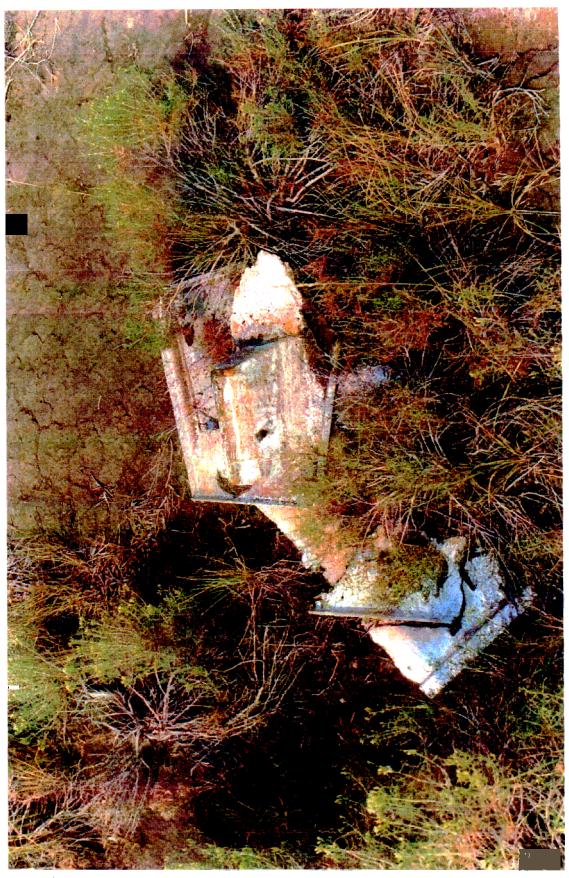
Site: 002 Car Body South of HWY 33 on INEEL Boundary Road (PN99-0456-1-25)



Site: 002 Car Body South of HWY 33 on INEEL Boundary Road (PN99-0456-1-26)



Site: 002 Car Body South of HWY 33 on INEEL Boundary Road (PN99-0456-1-27)



Site: 002 Car Body South of HWY 33 on INEEL Boundary Road (PN99-0456-1-28)

Attachment B

Supporting Information for Site #002

435.36 04/14/99 Rev. 03

NEW SITE IDENTIFICATION

Par	t A – To Be Completed By Observer			
1.	Person Initiating Report: Jacob Harris	Phone: 526-1877		
	Contractor WAG Manager: Douglas Burns	Phone: 526-4324		
2,	Site Title: 002, Car Body South of HWY 33 on INEEL Boundary Road			
3.	Describe the conditions that indicate a possible inactive or unreported waste site. Include location and description of suspicious condition, amount or extent of condition and date observed. A location map and/or diagram identifying the site against controlled survey points or global positioning system descriptors shall be included to help with the site visit. Include any known common names or location descriptors for the waste site.			
	This site is located on the dirt road that follows the eastern boundary of Mudlake/Terrenton. During the July 1999 site visit, the surface debris tiles. The GPS coordinates are Summary map as provided.	of the INEEL and about 1/4 mile south of Highway 33, we sobserved included car body panels, metal pieces, and p reference number for this site is 002 and can be found or	lastic	
Par	t B – To Be Completed By Contractor WAG Manager			
4.	Recommendation:			
	 ☑ This site meets the requirements for an inactive waste site, requirements for an inactive waste site, requirements for an inactive waste site, requirement is recovered. ☑ This site DOES NOT meet the requirements for an inactive waste 	commended to be included in the FFA/CO. Operable Unit:	OT be	
	included in the INEEL FFA/CO Action Plan.			
5.	Basis for the recommendation:			
	The conditions that exist at this site indicate the potential for an inactive or Disturbance of Suspected Inactive Waste Sites.	ve waste site according to Section 2 of MCP-3448 Repor	ting	
	The basis for recommendation must include: (1) source description; concern; and (4) descriptions of interfaces with other programs, as ap			
6.	Contractor WAG Manager Certification: I have examined the propose believe the information to be true, accurate, and complete. My recom		nd	
Nai	ne: Signature:	Date:		